

## Accepted Manuscript

Evolutionary and Ecological Drivers of Plant Flavonoids Across A Large Latitudinal Gradient

Erin A. Tripp, Yongbin Zhuang, Matthew Schreiber, Heather Stone, Andrea E. Berardi

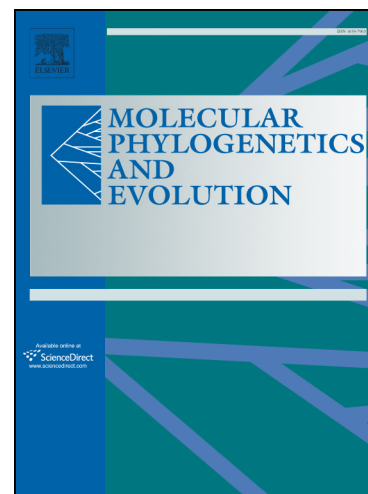
PII: S1055-7903(17)30807-2  
DOI: <https://doi.org/10.1016/j.ympev.2018.07.004>  
Reference: YMPEV 6230

To appear in: *Molecular Phylogenetics and Evolution*

Received Date: 7 November 2017  
Revised Date: 3 July 2018  
Accepted Date: 5 July 2018

Please cite this article as: Tripp, E.A., Zhuang, Y., Schreiber, M., Stone, H., Berardi, A.E., Evolutionary and Ecological Drivers of Plant Flavonoids Across A Large Latitudinal Gradient, *Molecular Phylogenetics and Evolution* (2018), doi: <https://doi.org/10.1016/j.ympev.2018.07.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Evolutionary and Ecological Drivers of Plant Flavonoids Across A Large Latitudinal Gradient****Running title: Flavonoids in *Ruellia***

Erin A. Tripp<sup>1,2†</sup>, Yongbin Zhuang<sup>1,2,3†</sup>, Matthew Schreiber<sup>1,2,4</sup>, Heather Stone<sup>1,2</sup>, and Andrea E. Berardi<sup>1,5</sup>

<sup>†</sup>Authors contributed equally

<sup>1</sup>*Department of Ecology and Evolutionary Biology, University of Colorado, UCB 334, Boulder, CO 80309, USA*

<sup>2</sup>*Museum of Natural History, University of Colorado, UCB 350, Boulder, CO 80309, USA*

<sup>3</sup>*Current address: College of Agronomy, Shandong Agricultural University, Taian, Shandong 271018, China*

<sup>4</sup>*Department of Chemistry & Biochemistry, University of Colorado, Boulder, CO 80309, USA*

<sup>5</sup>*Current address: Institute of Plant Sciences, University of Bern, Altenbergrain 21, 3013 Bern, Switzerland*

*Corresponding author: Erin Tripp ([erin.tripp@colorado.edu](mailto:erin.tripp@colorado.edu))*

Word count: 5966 (introduction through conclusions)

Number of tables: 3 (main text)

Number of figures: 9 (main text; all need to be reproduced in color)

Number of supporting files: 9

Download English Version:

<https://daneshyari.com/en/article/8648675>

Download Persian Version:

<https://daneshyari.com/article/8648675>

[Daneshyari.com](https://daneshyari.com)